

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	
<b>Thomas E. Sharon et al.</b>	)	Group Art Unit: <b>2684</b>
	)	
Serial No.: <b>Unassigned</b>	)	
	)	Examiner: <b>Edan Orgad</b>
Filed: <b>November 12, 2003</b>	)	
	)	
For: <b>Multi-Beam Satellite</b>	)	
<b>Communications System</b>	)	

**INFORMATION DISCLOSURE STATEMENT**

---

Commissioner for Patents  
Mail Stop Patent Application  
Alexandria, VA 22313-1450

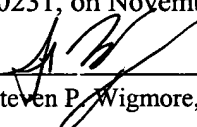
November 12, 2003

Sir:

The citation of information on the attached Form PTO-1449, "List of Art Cited by Applicant" is made pursuant to 37 C.F.R. §§ 1.97 and 1.98. Specifically, the attached PTO-1449 forms list the references that were cited in the parent application of U.S. Serial No. 09/576,475. The present application claims priority to the parent application and therefore, copies of the references that were cited in the parent are not necessary in accordance with 37.C.F.R. § 1.98(d). The Applicants are also providing copies of art that were not cited in the parent case.

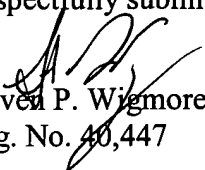
---

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail No. EV330778653US in an envelope addressed to: Commissioner of Patents, Box Patent Application, Washington, D.C. 20231, on November 12, 2003.

  
\_\_\_\_\_  
Steven P. Wigmore, Reg. No. 40,447

The citation of this information does not constitute an admission that any of the materials are available as a reference or of priority, or a waiver of any right applicant may have under applicable statutes, Rules of Practice in patent cases, or otherwise.

Respectfully submitted,

  
Steven P. Wigmore  
Reg. No. 40,447

King & Spalding LLP  
45<sup>th</sup> Floor  
191 Peachtree Street, N.E.  
Atlanta, GA 30303  
404.572.4600  
K&S Docket: 06935.105040

FORM PTO-1449, Adapted

**LIST OF INFORMATION DISCLOSED BY APPLICANT***(Use several sheets if necessary)*

ATTY. DOCKET NO. <b>06935.105040</b>	SERIAL NO. <b>Unassigned</b>	FILING DATE <b>November 12, 2003</b>
APPLICANT <b>Sharon et al.</b>		GROUP <b>2684</b>

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,680,240	10/97	Glynn			
	AB	5,424,862	06/95	Glynn			
	AC	3,810,255	05/74	Wachs et al.			
	AD	4,228,401	10/80	Wachs et al.			
	AE	4,706,239	11/87	Ito et al.			
	AF	4,858,225	08/89	deSantis			
	AG	5,822,312	10/98	Peach et al.			
	AH	4,813,036	03/89	Whitehead			
	AI	4,689,625	08/87	Barmat			
	AJ	6,278,876	08/01	Joshi et al.			
	AK	5,640,386	06/97	Wiedeman			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO.	
	AL	EP 0 748 064 A2	12/96	EPO	Globalstar L.P.		
	AM	EP 0 883 252 A2	12/98	EPO	Hughes Electronics Corporation		
	AN	0 536 628 A1	04/14/93	Europe	General Instrument Corporation		
	AO	EP 0 967 745 A2	12/29/99	Europe	Matsushita Electric Industrial Co., Ltd.		

**OTHER REFERENCES** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

AP	Horst D. Clausen, Bernhard Nocker, "Internet Service via Direct Broadcast Satellite", 05.02.97, pages 468-475.
AR	Martin et al. "Broadband Wireless Services from High Altitude Long Operation (HALO™) Aircraft," Proceedings of the SPIE, U.S., SPIE, Bellinghama, VA, vol. 3232, November 5, 1997, pp. 9-20, No. XP002093950.

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449, Adapted

**LIST OF INFORMATION DISCLOSED BY APPLICANT***(Use several sheets if necessary)*

ATTY. DOCKET NO. <b>06935.105040</b>	SERIAL NO. <b>Unassigned</b>	FILING DATE <b>November 12, 2003</b>
APPLICANT <b>Sharon et al.</b>		GROUP <b>2684</b>

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	4,931,802	06/90	Assal et al.			
	BB	5,119,225	06/92	Grant et al.			
	BC	5,428,814	06/95	Mort et al.			
	BD	5,552,920	09/96	Glynn			
	BE	5,864,546	01/26/99	Campanella			
	BF	4,903,126	02/20/90	Kassatly			
	BG	5,394,560	02/95	Kane			
	BH	2003/01092220	06/03	Hadinger et al.			
	BI	6,256,496	07/01	Dintelmann et al.			
	BJ	6,496,682	12/02	Butte et al.			
	BK	6,240,124	05/01	Wiedemann et al.			

**OTHER REFERENCES** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

BL		"Microstar® Plus Millimeter Wave Radio: 38 GHz North American Digital Hierarchy," Harris Corporation, Quebec, Canada, July 1996.
BM		"High Definition Desktop", <u>Business 2.0</u> , January 2000.
BN		"Geocast: About Us" and "Geocast Network Systems, Inc., <a href="http://www.geocast.com/about/index.html">http://www.geocast.com/about/index.html</a> .
BO		Garg et al., "Cost Effective Personal Communications Using Geo-Synchronous Satellite," IEEE International Conference on Personal Wireless Communications Proceedings, 1996, pg. 289, No. XP002082547.
BP		International Search Report in related PCT Application No. PCT/US00/25878, mailed April 20, 2001.

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449, Adapted

**LIST OF INFORMATION DISCLOSED BY APPLICANT***(Use several sheets if necessary)*

ATTY. DOCKET NO.

06935.105040

SERIAL NO.

Unassigned

FILING DATE

November 12, 2003

APPLICANT

Sharon et al.

GROUP

2684

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA	5,898,681	04/99	Dutta			
	CB	5,412,660	05/95	Chen et al.			
	CC	6,415,329	07/02	Gelman et al.			
	CD	5,963,862	10/99	Adiwoso et al.			
	CE	5,884,142	03/99	Wiedeman et al.			
	CF	5,697,050	12/97	Wiedeman			
	CG	5,594,780	01/97	Wiedeman et al.			
	CH	5,809,141	09/98	Dent et al.			
	CI	5,864,546	01/26/99	Campanella			
	CJ	4,903,126	02/20/90	Kassatly			
	CK						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION	
						YES	NO
	CL						
	CM						
	CN						
	CO						

**OTHER REFERENCES** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	CP		Elbert, Bruce R., "Introduction to Satellite Communication", 2 <sup>nd</sup> Edition, Norwood, MA, 1999, pp. 77-120.				
	CR						

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449, Adapted

**LIST OF INFORMATION DISCLOSED BY APPLICANT***(Use several sheets if necessary)*

ATTY. DOCKET NO.

**06935.105040**

SERIAL NO.

**Unassigned**

FILING DATE

**November 12, 2003**

APPLICANT

**Sharon et al.**

GROUP

**2684****U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	DA	6,160,993	12/00	Wilson			
	DB	5,625,624	04/97	Rosen et al.			
	DC	5,060,180	10/91	Kingston et al.			
	DD	5,737,372	04/98	Barham et al.			
	DE	5,355,529	10/94	Linguist et al.			
	DF	5,995,495	11/99	Sampson			
	DG	6,542,479	04/03	Boudier et al.			
	DH	6,570,859	05/03	Cable et al.			
	DI	6,549,774	04/03	Titlebaum et al.			
	DJ	6,078,810	06/00	Olds et al.			
	DK	6,246,698	06/01	Kumar			
	DL	6,584,082	06/03	Willis et al.			
	DM	5,687,166	11/97	Natali et al.			

**OTHER REFERENCES** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	DN	International Search Report, PCT/US01/06435, European Patent Office, 7.20.01.
	DO	
	DP	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.